

# Converting Colors

Hex(1A3279)

Have a look what the booklet for  
Hex(1A3279) contains.

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# Color

**Hex(1A3279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A3279
RGB	26, 50, 121
RGB Percent	10%, 20%, 47%
CMY	0.8980, 0.8039, 0.5255
CMYK	0.79, 0.59, 0.00, 0.53
HSL	225°, 65%, 29%
HSV	225°, 79%, 47%
XYZ	5.0178, 3.8813, 18.5739
YIQ	50.9180, -37.0950, 16.9930

# Conversions

## Conversions Part 2

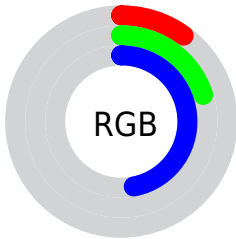
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 45, 121
Decimal	1716857
CIE <sub>Lab</sub>	23.28, 18.28, -43.20
CIE <sub>LCh</sub>	23, 46.913, 292.934
Yxy	3.8813, 0.1826, 0.1413
Android (android.graphics.Color)	4279906937 (0xFF1A3279)
YUV	50.9180, 34.5504, -21.8531
Hunter-Lab	19.7010, 10.9868, -42.1072




# Details

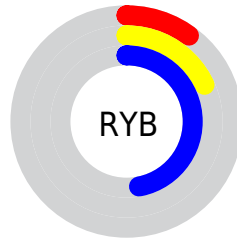
The Hex color **1A3279** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **79611A**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **5560AE**, and **000548** is the 20% darker color. If you saturate the color by 10%, you get **0E2979**, and if you desaturate by 10%, it is **263B79**.

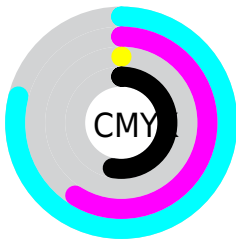
# Distribution







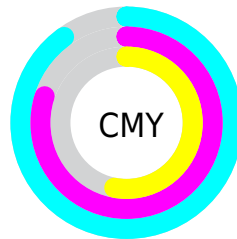
-  Red (10%)
-  Green (20%)
-  Blue (47%)






-  Red (10%)
-  Yellow (18%)
-  Blue (47%)



-  Cyan (79%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (90%)
-  Magenta (80%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A3279 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1A3279 by changing the saturation by 10% instead.



■ 1A3279

■ 1A3279

FFFFFF

■ 001D60

■ 5560AE

■ 000548

■ 7178CA

■ 000430

■ 8C92E6

■ 00011A

■ A8ADFF

■ 000000

■ C5C8FF

■ E2E4FF

■ 1A3279

■ 1A3279

■ 0E2979

■ 263B79

■ 022079

■ 324479

■ 001F79

■ 3E4D79

■ 4A5679

■ 565F79

■ 636879

■ 6F7179

■ 7B7A79

■ 878379

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003F7E



1A3279



581E62

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A3279



652200



00462E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1A3279



79611A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004306



1A3279



4C3300

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1A3279



72091F



2C3E00



004652

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1A3279



6A0C4D



2C3E00



004521



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1A3279



78829E



1A7960



383E4F



CFCFCF



4F4F4F



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1A3279



092F9E



301A79



37393D



00207D



0040FC



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



791A32



9E092F



63791A



3D3739



7D0020



FC0040



# Previews

## White Background



This preview shows how the Hex color 1A3279 looks on a white background.

## Color Contrast Check

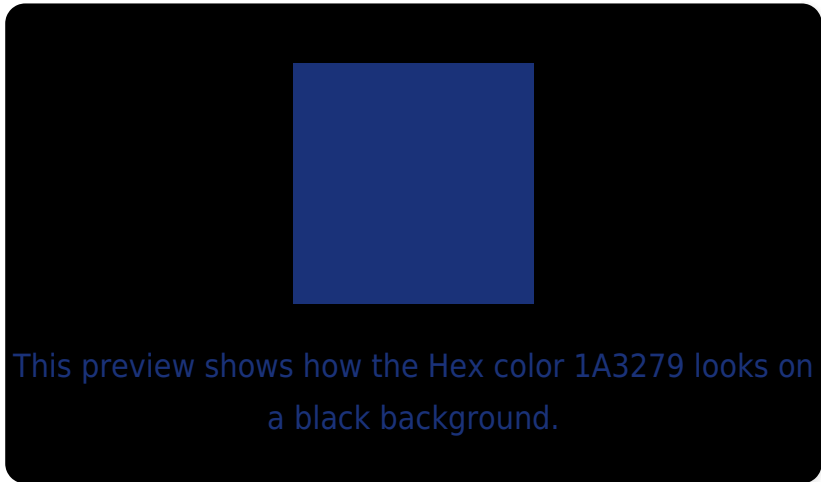
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

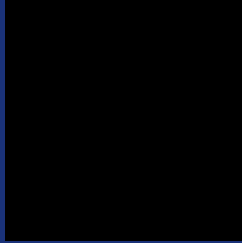
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A3279 Background



This preview shows how black text looks on a background with the Hex color 1A3279.



This preview shows how white text looks on a background with the Hex color 1A3279.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

1A3279

**Protanopia**

003672

**Deuteranopia**

003962



**Tritanopia**  
003E42

# Trichromacy



**Original Color**  
1A3279

**Protanomaly**  
093575

**Deuteranomaly**  
09366A

**Tritanomaly**  
093A56

# Monochromacy



**Original Color**  
1A3279

**Achromatopsia**  
333333

**Achromatomaly**  
2A334C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A3279 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1A3279 looks like.

```
.text, #text, p{  
    color:#1A3279  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1A3279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3279
}
```

## Border

The CSS property to change the border of an element to Hex 1A3279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A3279 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1A3279 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1A3279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3279; -webkit-box-shadow:4px 4px  
4px 4px #1A3279; box-shadow:4px 4px 4px  
4px #1A3279 }
```

# Background

The CSS property to change the background color of an element to Hex 1A3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3279 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1A3279 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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